

# ALUMNI REUNION EDITION

# TOIKE OIKE



TOIKE OIKE, TOIKE OIKE, OLLUM TE CHOLLUM TE CHAY,  
SCHOOL OF SCIENCE, SCHOOL OF SCIENCE, HURRAY, HURRAY, HURRAY.

Vol. XXXI

Friday, November 10, 1939

No. 3

## Retrospect and Prospect

The Old Red School is a tradition on the Campus. Instituted in 1877 by the Government of the Province of Ontario, affiliated with the University in 1889, established as a faculty by the Senate in 1900 but without financial support from the University, it was under the University Act of 1906 raised to the full status of the faculty of Applied Science and Engineering, and in all these years it has graduated between forty-six and forty-seven hundred men,

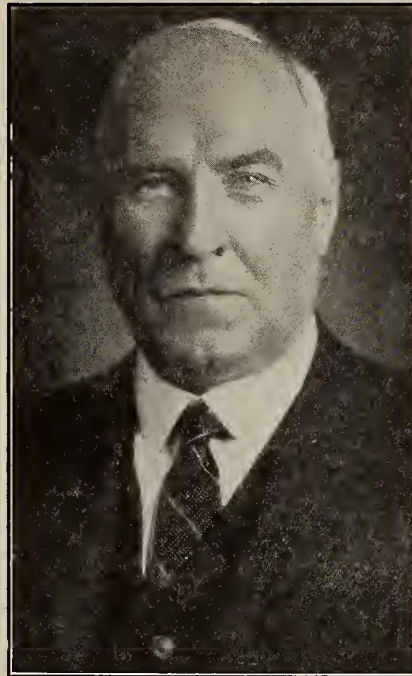


JOHN C. M. MACBETH

gentlemen of worth, whose motto is "meekness and peacefulness." "The meek shall inherit the earth"; the engineer can afford to be peaceful.

On occasions of re-union, one's thoughts are both retrospective and prospective. We think of our freshman days when we came up raw and impressionable from the disciplinary training of high school and collegiate institute to be moulded into engineers by the Dean and his Staff and into men by the variant influences of a big city where

*(Continued on page 9)*



PRESIDENT CODY

## President's Message

TO THE ENGINEERING ALUMNI OF THE  
UNIVERSITY OF TORONTO:

In the name of the University I give you a hearty welcome as you return to your Alma Mater for your tenth triennial reunion. You come at a time when once more the University grounds are filled with men being trained for military service in another crisis of the world's fate. After consultation with the military authorities, we are urging students to finish their courses before enlisting. There will be a great need for qualified engineers both in Overseas Service and in the necessary industrial developments in Canada. This war will in the broadest sense be more than ever an engineer's war. The future of a humane and worth while civilization is at stake. Nations cannot go on living under the constant threat that brute force must have whatever it demands. Canada could do no other than bear her part in the struggle.

*(Continued on page 10)*

## Welcome Home

Once again, a hearty welcome to graduates coming home for their time-honoured Reunion.

The graduates of last Spring now take their places along with those of 1899, 1909, 1919, and 1929. In the onward march of time, these years—and those between—will count their decades full of work in this great profession. "Old School's" graduates spread across the continent, and indeed throughout the world. Some are already overseas and many are about to go to join in the Empire's war, as our six hundred did a quarter of a century ago.



DEAN MITCHELL

Those of us who are not destined to go overseas realize that there is much for us to do here at home in Canada, in helping our comrades over there and in serving the Empire with the best of our engineering ability. Canada is bound to become a large factor in winning this new engineers' war.

Our Faculty continues to progress in a most satisfactory manner. Indeed it should progress, with all the advantages we have, despite our difficulties. Our advantages lie in the quality of our

*(Continued on page 8)*



## The Toike Oike

*Devoted to the interests of the Under-graduates of the Faculty of Applied Science.*

*Published Every Now and Then by  
The Engineering Society of the  
University of Toronto.*

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and Publicity ..... F. F. Walsh

### WELCOME—GRADS

A short time ago—1936—there was another Reunion Edition of *Toike Oike*. At that time, to members of 4T0, their graduating year seemed unbearably far distant.

Now they are seniors. Now from 4T0 come men to lead in the executive work of the Engineering Society rather than to be led in the Fatigue Duty. And now for 4T0 comes an opportunity that the two preceding years have missed—an opportunity of leading Schoolmen in greeting other Schoolmen who have gone far on the road that we undergraduates have yet to travel.

The fellows of 4T0, 4T1, 4T2, and 4T3, extend a hearty welcome to the fellows of the eighties and nineties, who gave us that something known as School Spirit; to the fellows of the naughty years, who must have been tougher than they sound; to the fellows of the care-free pre-war years, who were just in time to help shoulder the burdens of that other conflict; to the fellows of the actual war years, with whom we now have so much in common; to the fellows of the chaotic post-war years—the prosperous twenties and the depression thirties; and to the fellows of 3T7, 3T8, and 3T9, whom we remember as our comrades.

In extending our sincere greetings, we hope, too, that during the years to come, we, as graduates, may show the same fine friendliness and helpfulness that have always been so evident in "School" Graduates toward "School" Undergraduates.

### UNDERGRADUATES

The Engineering Alumni Association extends a pressing invitation to any undergraduate "Schoolman" to attend any of the functions of the Tenth triennial Reunion.

Tickets for the dance and stag dinner may be purchased at the Registration Desk in the hotel.

### NEW YORK LUNCHEON

Among those who will be at the Reunion in spirit, if not in flesh, is O. W. N. Charlton, '11. He has conveyed his regrets to the committee at his inability to attend but he has been given credits for his excuse. He is president of the University of Toronto Club of New York and as usual the club is joining forces with the Canadian Club of New York, and other British societies in that city, in paying tribute to the men who served in the Great War of 1914-18. The rededication luncheon will be held in the grand ballroom of the Waldorf-Astoria in New York at 12.30 noon next Saturday and the speakers will include Hon. Mitchell Hepburn, premier of Ontario, and Hon. Peter Heenan, provincial minister of Lands and Forests. Mr. Charlton suggests that any of the School Grads who are near a radio at 1.15 on Saturday tune in as the luncheon programme is being broadcast to the Empire.

### A 1936 PROPHET

There was an unknown crystal-gazer on the committee of the 1936 Reunion.

In the special Reunion Number of *Toike Oike* of October 29th, 1936, the writer of the article regarding the Reunion Dinner concludes his remarks as follows:

"Let's make the 1936 dinner something to be remembered until 1939 rolls around. Who knows but what the 1939 Dinner may be held in somebody's trenches".

Give the lad credit boys—he practically called it.

### MEN OF 3T4

This may be your last real opportunity of breaking loose with the old gang for some time—at least, till the war is over. Therefore, on behalf of your executive I urge you to make a determined effort to be present.

The Reunion will not be a success without you.

A room has been reserved for your convenience at the Royal York Hotel, both for Friday and Saturday. Also a special get-together luncheon will be held in the Graduates' Dining Room, Hart House, at 12.30 p.m., Saturday, before proceeding to the Varsity "Bull Ring".

Here's hoping to see you at the Reunion.

HARP. McNICHOL,  
President 3T4.

### FROM BEHIND CLOSED DOORS

This column is an innovation in *Toike Oike* this year, and is intended to give the members of the Engineering Society an insight into what their Executive is doing.

\* \* \*

The Fiftieth Annual School Dinner will be held in Hart House on November 23rd, at 7 p.m. A prominent speaker is being secured and all the Grads are invited to attend, to put the finishing touches on this their Tenth Reunion.

\* \* \*

Membership in the various departmental clubs will be compulsory next year, as the Constitution has been amended so that the Engineering Society fees paid at the first of the year will include membership fees for the clubs.

\* \* \*

The Ceramics Department has emerged from its short trousers this year and has become affiliated with the M. & M. Club. Congratulations to Jim Cawley, First Year President, who is the first Ceramist to hold a position on the Engineering Society Executive.

\* \* \*

The School Nite Revue is well under way, and all those desiring to take part in the Revue are asked to get in touch with Bill Brisco, or leave their name at the Engineering Society Office as soon as possible. . . . Bill is looking for brass for the orchestra especially.

\* \* \*

For the information of the Grads, the At-Home is being held in the Royal York Hotel on January 19th, and School Nite in Hart House on February 9th. Check these dates.

\* \* \*

"Bleak" Bleaken, Torontonensis Representative, states that if the support he has been receiving with regard to photographs and biography cards continues, *Transactions and Year Book* will be off the press well before the examinations begin.

\* \* \*

*Transactions and Year Book* this year will be more Year Book and less Transactions than formerly. Those asked to give contributions in the form of articles are asked to co-operate fully. We hope that arrangements can be made with the Alumni to have an article dealing with the progress individual Schoolmen have made since Graduation.

\* \* \*

REMEMBER, we want to see you all at SCHOOL DINNER in Hart House on Thursday, November 23rd.

F. F. WALSH.



## ENGINEERING ALUMNI ASSOCIATION

As President of the Engineering Alumni Association and on behalf of the Council, I wish to extend to all the graduates attending this Reunion a hearty welcome. I would express the hope that you will thoroughly enjoy the functions arranged for you, and meeting and renewing acquaintanceships with your friends of College days.

The outbreak of war created the problem of the advisability of having our Reunion this year. Your Council, however, after considerable discussion and after consulting many graduates decided that it would be a mistake not to hold it. Many of our members have enlisted for active service, and many more will no doubt enlist as the war goes on. It was felt that these graduates particularly would want to have the opportunity of meeting their friends before leaving for active service abroad. It was also felt that the interests of the country were best served by carrying on as usual.

You are particularly invited to attend the Triennial Business Session of the Association to be held on Friday afternoon. At this meeting Council will tell you of their activities during the last three years. During this period your Council has been very active. Your "Scholarship Committee", under Tony Reid, has succeeded in obtaining several Scholarships on behalf of the School. The "Alumni Medal Committee", also under the chairmanship of Tony Reid, has had a suitable Medal designed and on the occasion of our Dinner Saturday night we expect to award two of these Medals "For Achievement". Jim Kennedy has been Chairman of a Committee on Undergraduate Relations. Pat Wingfield and a Special Committee have spent a great deal of time studying Engineering Education. Stuart Bolton was instrumental in forming a Junior Panel of the Council, which Junior Panel has met regularly and makes recommendations to Council, expressing the views of those more recently graduated. Your interest in these reports and on the

activities of Council would be very much appreciated.

I am sure that those of us who have been graduated for some time look forward with increasing eagerness to these Reunions, where we meet our comrades of University days, where we can find out what each has been doing and can have the pleasure of meeting each other's wives and other members of their families.

I am sure that those who have more recently graduated will enjoy themselves for similar reasons.

The Special Committee in charge of planning and making arrangements for this Reunion has worked hard and assures me that nothing has been left undone which might be necessary for your enjoyment. You have the Council's best wishes for an enjoyable time.

A. ROSS ROBERTSON.

### REUNION COMMITTEE'S CHAIRMAN



DONALD M. ROSS

The above photograph is an earlier likeness of the man who will get most of the blame if this 10th School Reunion is a flop and who will be tickled to death if it is a big success.

Conditions leading to the outbreak of, and the actual incidence of war, have made the planning of this Reunion a little difficult; but your Committee has done everything reasonably possible to provide for a successful Reunion. The real success or failure of the Reunion will, of course, depend on the number and enthusiasm of the Graduates who attend and how they make use of the facilities provided for their entertainment.

I would like to express my appreciation of the help and co-operation received from the other members of the Reunion Committee, the President and Members of the Engineering Alumni Council and Byron Wood, secretary of the Alumni Association. I would also like to pay tribute to the very efficient secretary of the Reunion Committee, C. W. (Baldy) MacQueen, who although not a School man, has done the job with an enthusiasm which makes you almost think he really is "school".

Finally, my thanks to the Engineering Society and the Toike Oike staff for this special Reunion edition—visible proof that the old school spirit still rides pretty high.

Yours for a real bang-up Reunion.

DONALD M. ROSS,

*Chairman of the 10th  
Reunion Committee.*

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**The between  
lectures pause**

**or—**

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## 50th Annual School Dinner

**THURSDAY, NOV. 23, 1939**

**7.00 P.M.**

**HART HOUSE**

**A HEARTY INVITATION EXTENDED  
TO THE GRADS**

**Tickets For Grads - - - \$1.00 Each**





A. ROSS ROBERTSON

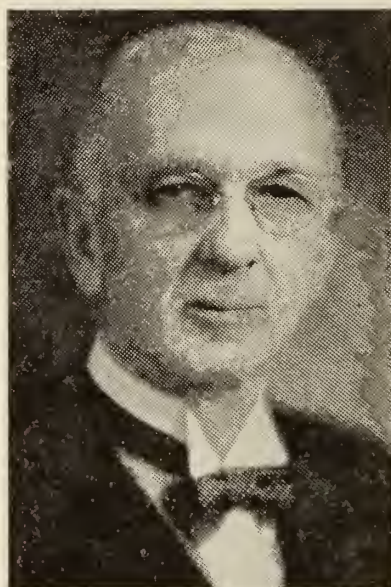
### ENGINEERING ALUMNI AWARDS OF MERIT

The Council of the Engineering Alumni Association of the University of Toronto has announced the names of the first two graduates to be honoured by their fellows with the presentation of Engineering Alumni medals as awards of merit for outstanding achievements in the field of engineering. They are Prof. Clarence R. Young, a native of Picton, Ont., and a member of the graduating class of 1903, and Arthur S. Runciman, a native of Goderich who graduated in 1911. They were selected by a special committee of the Council, following the receipt of a large number of recommendations from various engineering organizations throughout the Dominion. The medals will be presented at the stag dinner, the concluding function of the two-day tenth triennial Reunion of the Engineering Alumni Association, at the Royal York Hotel on the evening of Saturday, November 11th.

CLARENCE R. YOUNG

Professor of Civil Engineering, University of Toronto, who is an outstand-

ing engineering educationalist, writer and consultant. Since his graduation he has served with distinction as an officer of various engineering associations, has been a member of the staff of the university since 1907 and has been a private consultant since that year, specializing in designs of structures and investigations of and reports on technical, economic and legal problems of a civil engineering character. He is the author of a number of publications on Engineering and was a member of the Royal Commission on Transportation (Ontario) under the chairmanship of Mr. Justice Chevrier. The report of this Commission, which took two years in preparation, was largely the work of Prof. Young and it is a valuable contribution to the science of government. Prof. Young received an honorary degree from the University of Toronto in



CLARENCE R. YOUNG

1905 and in 1920 was decorated by the governments of Poland and France for his work during the Great War.

ARTHUR S. RUNCIMAN

Superintendent of Transmission Lines with the Shawinigan Water and Power Company, who has carried on original research in connection with multiple communication on telephone lines strung along, or contiguous to, high tension line circuits. For a thesis on this work he was awarded the post-graduate degree of Electrical Engineer in 1928. Since that time, largely as a result of his initiative and inventive genius, the company has spent over \$750,000 in putting into practical application Mr. Runciman's successful experiments until at present the Shawinigan company, and its subsidiaries in the province of

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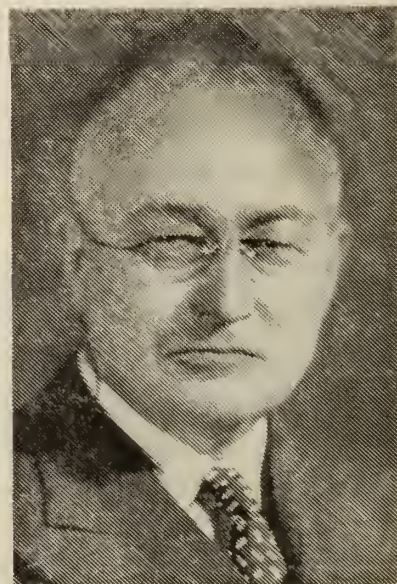
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Quebec, have a communication system of wire telephone, carrier, teletype and radio that comprises nearly 1,000 miles of wire circuits, 1,000 instruments and which handles over 200,000 communications annually at a surprisingly low average cost. His work in this connection has been so outstanding that experts from other systems have been anxious to ascertain his precise methods and the time is rapidly approaching when they will become known throughout the profession. One worthy feature about Mr. Runciman's work is that he has steadily refused to attempt to get control, by patent application or otherwise, of the methods he has evolved.



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## **VARSITY C.O.T.C. CONTINGENT IS 1,800 STRONG THIS YEAR**

The opening of the term this year found the nation at war. In answer to enquiries made by the University the Ottawa authorities advised that the best service university students could render at the present time was to complete their studies in preparation for the time when trained men will be greatly needed. They also advised that students should avail themselves of the opportunity offered in the C.O.T.C. to qualify as officers in the various arms of the service.

The Department of National Defence granted authority for University graduates to join the C.O.T.C., in addition to undergraduates and members of the staff. Applications for membership came in so rapidly that the numbers soon reached 1,800, 550 of which were from graduates and members of the staff. It was then decided that no further applications could be considered.

Training, both lectures and drill, was commenced immediately in accordance with the prescribed syllabus of the course leading to lieutenants' qualification in the following arms: artillery survey, engineers, signals, infantry (rifle), infantry (machine gun) and Army Service Corps. Those in Medicine and Dentistry who successfully pass the examinations are qualified for the rank of captain in the R.C.A.M.C. and the C.D.C. respectively.

The course consists of two parts with written examinations and also a practical examination. Part I is common to all arms and Part II is special to the arm selected.

Normally the course would extend over two years, the examination for Part I being taken at the end of the first year. Under these conditions a one-year course is being conducted for



LT.-COL. MADILL

graduates and students in the senior years. An examination in Part I will be held in December for members in the one-year course.

The University of Toronto contingent of the C.O.T.C. was organized in 1914 under the command of the late Colonel W. R. Lang. In addition to supplying numerous officers and other ranks to the various arms of the service during the Great War the C.O.T.C. was the recruiting source for many bodies raised by the university including No. 4 Canadian General Hospital, the University Overseas Training Company, the 67th Battery, C.F.A., and the University company, P.P.C.L.I.

Since the Great War the contingent has continued as a unit of the N.P.A.M. with an average strength of 325. In August of this year the contingent moved into new quarters at 119 St. George Street where a drill hall addition was built during the summer. This

splendid accommodation, while adequate for peace time is being used night and day under present circumstances.

For purposes of administration the contingent is organized into twelve companies, eight consisting of undergraduates and four of graduates and members of the staff. The staff of the contingent is as follows:

*Officer Commanding*—Lt.-Col. H. H. Madill, V.D.

*Second in Command*—Major W. S. Wilson.

*Senior Instructional Officer*—Major M. B. Watson.

*Paymaster*—Major T. A. Reed, E.D.

*Quartermaster*—Capt. E. G. Moogk.

*Adjutant*—Capt. L. F. Koyl.

*Medical Officer*—Major J. L. McCollum, R.C.A.M.C.

This year all companies of the contingent will be on parade at the Memorial Service on November 11th. His Honor, the Lieutenant-Governor of the Province of Ontario, will be present and will be received with a royal salute on his arrival. Following the service he will review the contingent, the saluting base being in front of the main entrance to University College.

LT.-COL. H. H. MADILL, V.E.,  
*Officer Commanding.*

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## A WELCOME FROM THE UNDERGRADS

Once again three years have rolled by, and the wearers of the iron ring have returned to the vicinity of the Little Old Red School House to show us, the undergrads, that School Spirit is not a four-year extra curricular course, but an indefinable bond of unity that calls the grads of S.P.S. from the four corners of the continent to forget the cares of life for a few days, and relive the joys of School life once more.

We regret that the smoker at which we, the undergrads, might have had a better opportunity of meeting the men who were responsible for making School the most famous Faculty on the campus, had to be cancelled. However, we realize only too well, how this State of War has curtailed our own undergraduate activities, and how insignificant this curtailment is in comparison to the sacrifices that the alumni, who are facing the grim realities of this conflict as it affects our Dominion, are making to continue this tradition of School. We hope that you, the Grads, will revisit the old buildings, seek out your professors, and meet as many of the undergrads as possible.

We undergrads are proud of you. Among your ranks are some we call "Dad," and many who are to us the heroes of our profession. Those of us who are undecided as to what position in life the future will provide, look with mingled admiration and relief at those of you who have become outstanding successes in fields outside the pale of Engineering. This proves to us conclusively, the adaptability of a Practical Science education. We are proud too, that our Alumni are so actively interested in the academic welfare of the undergraduates, as is especially manifest this year.

We are planning to have you compare our saw decibel rating on Toike Oikes with your own at the Varsity-McGill game on Saturday. We hope that we can show you in the form of a skit at half-time, that we, the active members of the Engineering Society, are keeping School to the fore, and are upholding the traditional School Spirit. We welcome you back to your old haunts, and wish you happy times and every success at this your Tenth Reunion.

SYDNEY M. S. DUNN,  
*President, Engineering Society.*

"How did Dave happen to drive his car into the fence?"

"He was trying to advance his spark with both hands"

## REUNION PROGRAM

### CLASS LUNCHEONS at Royal York Hotel, Union Station and Hart House

Many Class organizations have made arrangements for their Reunion Luncheons, most of them on Friday at noon in the Royal York although others are scheduled for the Union Station and Hart House, the latter being at noon on Saturday. Not only do the Luncheons give Class members a chance to get together, after long or short period, but they enable the Class officers to make their reports on the various activities. It cannot be emphasized too much that the Class organizations are the strength of the Alumni Association.

### GENERAL MEETING of the Alumni Association, Friday, Nov. 10th, 2.30 p.m.

While entertainment and pleasure are the main features of the Reunion, School Men are reminded that there is an organization greater than that of the various classes, an organization which has the interests of both graduates and undergraduates at heart. A general meeting of the Engineering Alumni Association is held every three years, during the Reunion. Reports are presented and this year the officers have several important announcements to make regarding their activities since 1936. Also the new officers will be elected. Best of all the meeting will be over in plenty of time for former classmates to gather together for social purposes in the various rendezvous rooms.

### REUNION DANCE Concert Hall, Friday, Nov. 10th, 9.30 p.m.

Owing to the curtailment of the Reunion to two of three days this is the only function which the ladies can attend (except the rugby game), and it promises to be a social affair that will long be remembered. Stan St. John and his orchestra will provide the music and grads, both old and young, will be able to trip the light fantastic to their favourite tunes of School Days. Miss Pat Bailey will be the vocalist and the entertainment will also be augmented by the triennial appearance of Jo-Jo Ceasar and the Vestal Virgins in a revival of the original Roman Chariot Race. Music and fun for over six hours with supper at midnight. Don't forget to be on hand and make sure the wife or girl friend reminds you not to forget.

### GUEST SPEAKER AT REUNION DINNER

Never before has the Reunion Committee been so fortunate in the securing of a speaker for the Stag Dinner as for the present occasion. We have had speakers just as gifted oratorically, perhaps just as prominent in their chosen field of endeavour and perhaps as closely allied to Engineering Education and Practice but the presence of none of them has been as timely and appropriate as that of Dr. Dugald C. Jackson, Emeritus Head of the Department of Electrical Engineering at Massachusetts Institute of Technology.

Dr. Jackson was educated in civil engineering but became head of the Electrical Engineering Department at the University of Wisconsin and later went to M.I.T. He is the founder and head of one of the best known firms of consultants in the United States, Jackson

and Moreland. He is a past president of the American Institute of Electrical Engineers, of the S.P.E.E. and other engineering bodies. He was the recipient of the Edison Medal for his contributions in the field of engineering education. He has only recently completed a report of some 40,000 words, in addition to tables and charts, of the present status and trends of engineering education in the United States, which was requested by the Engineers' Council for Professional Development.

Dr. Jackson's presence in Toronto is due to the recommendation made to the Board of Governors of the University of Toronto by the Engineering Alumni Association, that a survey be made of the Engineering Education at Varsity. The Governors commissioned Dr. Jackson to make this survey and to present a report, this being made possible by

(Continued on page 8)



**VARSITY-McGILL GAME**

Varsity Stadium

Saturday, Nov. 11th

2.30 p.m.

This will be the Blues last game of the season and while they are out of the running for the championship ('tis said that there were not enough School men on the squad), it is a most important fixture.

We thought that this game would see the team qualify for the playoffs for the championship but instead they must win to keep out of the cellar. Their only victory was against McGill in the opening game of the schedule and they must win their last to stay in front of the old Red rivals. The Engineering Society has taken charge of the half time entertainment and the undergrads claim they will put on a show that will make the Old Grads envious. Tickets for this game will not be held at the Registration desk after six o'clock on Friday unless paid for in advance.

**REUNION STAG DINNER**

Concert Hall

Saturday, Nov. 11th

at 7.30 p.m.

The concluding function of the Reunion will be perhaps the most impressive dinner that has been staged by the Alumni Association. Many graduates who are with the Active Service Forces and who

will proceed Overseas before long will be in attendance; tribute will be paid to the memory of School Men who made the Supreme Sacrifice during the Great War of 1914-8, an outstanding speaker has been secured and two graduates will be presented with the initial Engineering Alumni Medals as Awards of Merit for outstanding achievements in the field of Engineering. The speaker will be Dr. Dugald C. Jackson of M.I.T., an outstanding engineering educationalist and authority, who is in Toronto to make a survey of Engineering education at the University following a recommendation by our own Alumni Association. The two graduates signalled out for the highest honour from their fellows are Professor Clarence R. Young, Class '03, and Arthur S. Runciman, Class '11. Classes wishing to arrange for special seating accommodation must notify the secretary on Friday.

On Saturday morning members of the Engineering Alumni Association are invited to attend the Armistice Day service at Memorial Tower, Hart House, at eleven o'clock.

**CLASS OF 2T8**

The class of 2T8 who are one of the most active years, even if we do say so as shouldn't, will be well represented at the Gala Reunion Dance.

One of our famous members, in fact the only one who has a degree of doctor after his name, yes Johnny Johnston and his good wife will be in town at the Royal York. Their room will be the year's headquarters that evening by special invitation.

Likely Bill Sheldon and Bill Caldwell and their better halves will be along and there is a goodly chance that Jim Wilson and his wife will be down or should we say up from Montreal. As for the fellows in town the usual excellent number will be there and of course in the very best of SPIRITS. And we don't mean maybe!

Since the last Reunion we have held twenty-five meetings. All well attended

and at regular intervals. There has been an equal number of monthly issues of a leaflet called "Here 'Tis" and a complete list of the fellows' addresses. The finances are much the same. The Fall though it has barely started has seen one meeting of our year and the December get-together has been arranged.

In other words we have carried on for eleven years, are carrying on now and are all set to continue for the years to come.

As a year we would like to congratulate Ross Robertson and his Council for the excellent work that they have done since the last Reunion and to wish Pat Wingfield and his new Council the very best of success and to pledge all the help that we may be able to give him.

DON CARLISLE,  
President.

STU BOLTON,  
Sec.-Treas.

# Graduates

If you have not registered, do so at once at the Registration Desk on the convention floor.

If you have reserved tickets in advance, take them up as soon as possible. This will aid the committee and also save you time.

Those who have not made advance ticket reservations, please secure them as early as possible. The best seats are disposed of first—don't be last.

**CLASS LUNCHEONS**

1906—P.D.R. No. 8, Royal York  
1907—Clubroom, Royal York  
1908—P.D.R. No. 7, Royal York  
1910—Parlor "B", Royal York  
1911—Parlor "B", Royal York  
1913—P.D.R. No. 6, Royal York  
1915—Hall "D", Royal York  
1917—P.D.R. No. 3, Royal York  
1918-9-20—P.D.R.'s No.'s 4 and

5

1921—Room 236, Royal York  
1922—Oak Room, Union Station  
1923—P.D.R. No. 9, Royal York  
1924—Hall "A", Royal York  
1925—P.D.R. No. 10, Royal York  
1926—Hall "C", Royal York  
1930—P.D.R.'s 1 and 2  
1934—Graduates' Dining Room,  
Hart House (Saturday)  
1939—Hart House (Saturday)

These and other luncheons, as well as numbers of rendezvous rooms for the various classes will be displayed at Registration Headquarters, Convention Floor, Royal York Hotel, on Friday and Saturday.

**REUNION COMMITTEE**

This year's Reunion Committee is much smaller than usual, the members being:

Chairman—Donald M. Ross, '23

Vice-Chairman—James W. Kennedy, '25

F. R. Gorrie, '35

Stuart Bolton, '28

R. B. McIntyre, '36

W. R. Arison, '37

Don. Beam, '25

C. W. MacQueen, Secretary-Treasurer.

## WELCOME HOME

(Continued from page 1)

staff—increased during the past three years in both number and experience—as well as in the quality of the students who come to us. You graduates of thirty years must never think that the generations of to-day are not just as good as you were.

Difficulties we still have; you know them. Lack of accommodation and equipment to serve students crowding into all courses, lack of funds to further improve what we already have, lack of time—there are still only twenty-four hours in a day—and lack of scholarships and bursaries to assist worthy and needy students. The Engineering Alumni and various Years are to be congratulated upon their efforts to inaugurate scholarships; it is to be hoped more will be forthcoming.

The interest and great loyalty of the Graduates forms one of the most valuable factors in any University effort, and in our own Faculty this is notably exemplified. We are most fortunate in having such a strong, progressive and active Engineering Alumni organization.

It is with the greatest pleasure and anticipation we welcome the Survey which, through the wise provision made by the Board of Governors, is now being undertaken by a very eminent and experienced authority on Engineering Education. All portions of our great Faculty, students, graduates and staff, will heartily cooperate in the hope that by this further means we can "make better best".

You will have learned that the attendance in the Faculty has much increased during the past few years. You know that students are still crowding into mechanical and chemical engineering where the accommodation is sadly overtaxed, and for which we very greatly need additional buildings.

We must remember, though, that it is not buildings, equipment and facilities alone that make a university, but men; men of education, tact, inspiration and experience. Remember what Thucydides said to his harassed fellow-Athenians "It is not walls or ships, but men, that make a city".

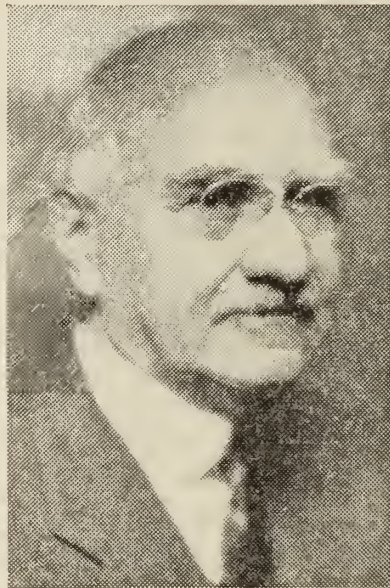
Our Faculty numbers grow despite increases in fees, despite depression, despite war. The new First Year is larger than last, now 333, and our Faculty total is now 960 compared with 925 last year; our post-graduate number has lately grown by large percentages. With these increases we are, however, not concerned about employment on graduation; all are finding their places in this rapidly developing country

## GUEST SPEAKER

(Continued from page 6)

funds provided by the Walberg Trust.

"It seems to me a fine exhibition of appropriate spirit", said Dr. Jackson in commenting on the decision to carry out the Reunion, "that the University relations of your Alumni are being maintained in spite of the distressing disturbance caused by the war. We, in the United States, all hope that the



DR. DUGALD C. JACKSON

war will be relatively short, although we have our minds rather set on the probability of it lasting some time; but there can be no doubt about the fact that Canada as well as the United States, will need the most active and effective organization of its higher educational facilities during the period of the war—and also notably thereafter."

which we realize still greatly needs engineers for its up-building and its service. The recent variations in attendances, despite the depression, are indicated by the following table:

Attendances by Departments  
(All Years)

	30-31	33-34	36-37	39-40
Civil	104	104	55	90
Mining	87	82	162	116
Mechanical	212	189	114	192
Architecture	48	46	32	26
Eng. Physics	—	—	26	56
Chemical	174	225	229	223
Electrical	200	201	114	148
Metallurgical	23	36	58	92
Mining Geol.	—	—	—	17

Total 848 883 790 960  
C. H. MITCHELL,  
Dean.

6th November, 1939.

## CLASS OF 2T3

The 10th triennial reunion is of special interest to the class of '23 School as it is exactly 20 years since the 400 original members gathered at the old red school. In the 20 years many of the class have located far from home, and in a great number of cases lost contact with 2T3 activities, so here is hoping for a good turnout at this re-union.

The Toronto group of 2T3, under the guidance of Tony Reid, continues active—meeting the first Wednesday of the month at Hart House for dinner at 6.30 p.m., and afterwards talks on current events, discussions and arguments, frequently continuing for several days. In addition there are three feature events each year—the Golf Match in June, Ladies' Night at the Old Mill in February and the week-end party at Tony Reid's cottage in September.

The annual Golf Tournament always provides much spirited competition and out of town members—if planning a trip to Toronto—should reserve the first Wednesday in June for this event. Evan Begg for several years has proved to be No. 1 golfer but several dark horses (almost bald-headed "nags" now), Fred Evans, George Beecroft, Bill Hawkins and Don Fitzgerald are strong contenders. Weiry Ewing, Leo Cain and a few others are improving but usually insist on playing the 19th hole first.

The Annual Ladies' Night is usually featured by such sterling performers as Pat Lyle, Curtis Wells, Art Bell and Don Ross, who have lost none of their skill whether it be the tango or the Susie Q. In fact the more hardy spirits continue to have their breakfast before departing for home.

The week-end party at Tony Reid's has become a stand-out and at the games of skill and chance, old "Poker-face" Abernethy is still the financial wizard, although Joe Dyer is gradually bluffing his way to the top.

The class rendezvous for the 2-day reunion is on the first floor and don't fail to call sometime—before the class luncheon (Room 9) on Friday, during the dance, and before or after the dinner on Saturday night.

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## RETROSPECT AND PROSPECT

(Continued from page 1)

the student is left to his own devices and chooses and learns to apply himself to success.

How well is remembered the first class meeting where election of office was assured if one happened to know the name of at least one other member to nominate him. The first scrap with the second year, with Meds, with Arts, the first track meet where School always carries off high honours, the first rugby game, and so on and so on, all stand out vividly against the background of the years. Fiery argument at class meetings over matters of most vital moment stand out like fiery crosses while the subject of argument, that which seemed so vital at the time, has been forgotten—still-born having been misconceived.

This moulding and developing process is well described by Lord Tennyson in the following lines from *In Memoriam*:

"And where we held debate, a band

Of youthful friends, on mind and art  
And commerce and the changing mart  
And all the frame-work of the land."

And so our loyalties were shaped, our minds were developed and we were presently men and engineers. And it is good for the soul to ponder over these old times and in pondering to let the heart lead the imagination where it will.

One's thoughts are also prospective. Individually we have such faith in ourselves that we believe that our children will be better engineers and better citi-

zens than we are. We expect them to start in where we leave off and hope that our loyalties and ideals will be foundational principles in them. What is the best way of assuring this result? No one knows better than the engineer

that, for a broad, high superstructure, one must first have a wide, deep foundation. Canada is still a young country and in young countries, as yet in the process of development, the tendency is to make education a vocational training. May one suggest the desirability of delaying the narrowing off process into vocational work and of prolonging the broadening process. The result will be the development not only of broader sympathies and wider interests in those things which contribute to the making of a good citizen but also of greater capacity for meeting and overcoming the difficulties of one's own calling. Those who would refute this argument are those who measure success by the yard-stick of monetary return. This yard-stick, however, is rapidly going out of style and is giving place to that of service, which brings achievement, which brings success, which, in its turn, brings happiness. Happiness is not obtained by endeavouring to be happy; it is a by-product of activity. Let the foundations, therefore, be wide and deep.

JOHN C. M. MACBETH,

President Alumni Federation,  
University of Toronto.

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**PRESIDENT'S MESSAGE**

*(Continued from page 1)*

Since we last met there have been several changes in the staff. Professor Charles Williams succeeds Professor H. E. T. Haultain. Professor Legget is added to the Department of Civil Engineering and Professor Gass-Beggs to that of Electrical Engineering. Each comes with practical experience in his own field. We have one of the best schools of engineering on the continent; but it was felt to be advisable that we should make a general survey of our work, our curricula, organizations, equipment, buildings, teaching conditions, etc., in order that we might not miss any of the recent advances in engineering instruction found in any part of the world. We have been very fortunate in securing for this purpose, Professor Dugald C. Jackson, for many years head of the Department of Electrical Engineering in the Massachusetts Institute of Technology. He has a unique knowledge of the teaching of Engineering in the leading Technical Institutions of the world. His experience both as a teacher and a practising engineer fits him to give us help in making our good school even better. He will be with us during the autumn term.

I am sure you will enjoy this reunion, and be strengthened both by friendships renewed and by new contacts made.

H. J. Cody,  
*President.*

**SPORTOIKE**

What is the trouble Schoolmen? According to the latest results, School is well down the list of Interfaculty competitors being in no less than sixth place. It seems rather hard lines for School to be bowing to such traditional rivals as Victoria, U. C., Meds and others. One outstanding reason for School's low standing is the excessive number of points which has been deducted in penalties. School Spirit is an established institution around the campus, but this is carrying it a bit too far. Let's have a little more control. Eh what!

School's two rugby teams are doing all right by themselves. At present Senior School is in second place in its group, trailing St. Mike's by one point. However, two games are scheduled for this week which will give Senior School ample opportunity for getting out in front. Junior School is holding its own, being tied for first place with U.C., each having four points. However, Junior School has played only two games to U.C.'s three which gives them a definite advantage.

In the two Lacrosse encounters which

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School has undergone, so far, Senior S.P.S. trailed Vic by 5 to 6 in their game, whereas Junior School trounced Pharmacy to the tune of 13-10.

All in all the prospects look pretty good and as long as that "Ole Skule Spirit" can be kept tuned down to its proper tempo, School is bound to be out in front in a very short time.

### SCHOOL SCORES AGAIN

The stadium was jammed for the big world series game of the year. The seats were jammed. The aisles were jammed. The field was jammed. It was a jam session. Some weren't only jammed—they were also stewed.

Once again that good old school team had won its way through to the world series to fight their final battle with Ray Block and his Swing Fourteen.

The Fourteen kicked off. Fanny, our team's end, received the ball just where it hurt the most, and fell reeling to the ground. When he got there, he yelled, "Cut!" Instantly he stopped reeling, and stood up wondering what to do with the ball. Already Block's Fourteen were trucking down the field toward him. Fanny thought fast. What's the best way to get through a lot of trucking? Of course! Taxi! Drive me to those goal posts down there. And with this marvellous display of wizardry or whozardry or sumpin', Fanny scored the first goal for Skule. Who's going to pay this fifty cent taxi fare? Oke, that's all right, we'll increase the students' fee to \$25.00, that *should* take care of it.

Several days later—tie score—Skule's ball—. The snap gets the signal and passes the bottle to the quarter-back (Toike and Oike—that congenial undergraduate who is shirking his way

through college). Toike takes a quick guzzle, then takes it into a huddle to give the team a wee dock of Doris (my Scotch is pretty rum, as you can see). The Swing Fourteen try frantically to get at the bottle. Toike the Oike passes the bottle to Hoiman de Hoimit, who runs for the goal line, and sits under the goal post to finish the bottle in peace.

Skule has again scored!

All this happened years ago. I went back to the field the other day and they were still playing. The field was littered with empty bottles, (also some empty cans imported from the States). Occasionally the referee would bring in a fresh bottle and Skule would try their old huddle play again. It was all sort of sad in a way. You see it wasn't the world series they got into after all. It was an infinite series.

"When you're driving your car, how many miles do you go on a gallon?"

"Haven't figured it out. I never carry more than a small flask".

\* \* \*

"I usually go to bed between two or three".

"That's bigamy".

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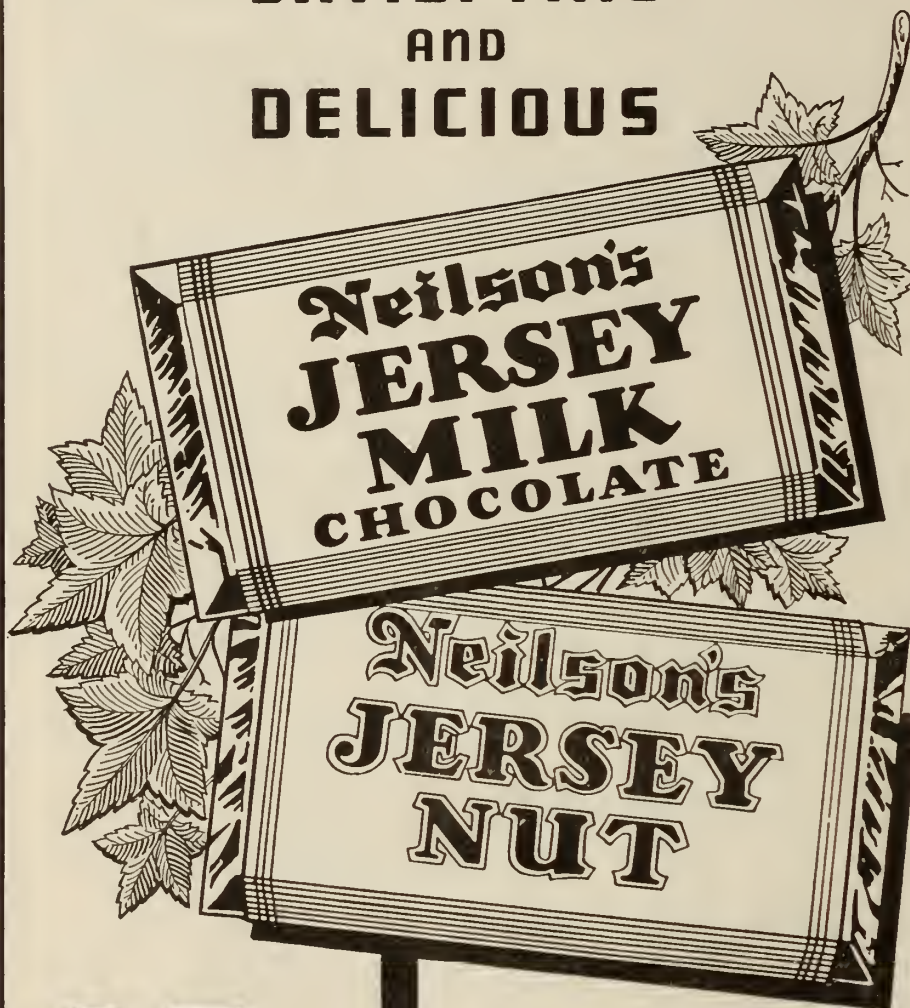
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